

Retention bund welded multiform



Record of Revisions

Index	Date	Observations	Written by	Signature	Approved by	Signature
0	17/04/2020	General reset	MZE		PGO	



User manual: BWR range

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I - SAFETY INSTRUCTIONS

- Wear a safety helmet, gloves (Kevlar or leather) and safety shoes at all times when installing the equipment.
- As the products are heavy and likely to be contaminated by hydrocarbons, wear adequate personal protective equipment (waterproof gloves, work overalls, protective glasses, helmet, safety shoes) during maintenance operations
- Do not carry loads heavier than 55 kg (for men) or 25 kg (for women). For loads between 55 kg and 105 kg, ask for the help of a co-worker or use lifting equipment. (Art. R4541-9 of the French Labor Code).
- When grounding the equipment, before opening a grounding loop, be sure to shunt the grounding loops (bridging) while being fitted with insulating personal protective equipment.
- Carry out the handling of the bund with equipment in good condition, or a suitable lifting device.
- The operations of handling and lifting must be performed when the bund is empty (without transformer and without grating).
- Remain at a safe distance from the lifting equipment during bund handling operations.
- When installing accessories (valves, siphons, FILTRELEC ECODESIGN® cartridges, etc.) always bend your knees to avoid back strain.

II - CONTENT OF THE PACKAGE

- Retention bund BWR (fig.a) or BWH (fig.b) or BWU
- Filtration kit FILTRELEC® (fig.c)(option)
- Vibration dumper or silentblocks NoVib (fig.d)(option)
- Draining valve (option)
- Téflon insulating plates (option)
- 1 user manual

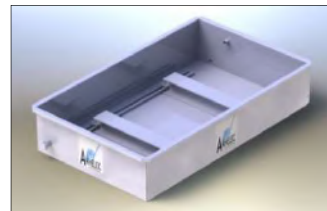


Fig. a



Fig. b



Fig. c

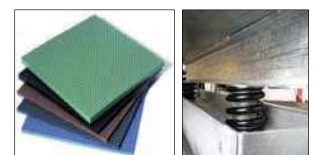


Fig. d

Before assembling the BAW make sure you have all the parts needed.

In case of discrepancy, please write it on the delivery note presented by the carrier and contact us IMMEDIATELY, either via phone at +33 (0) 4.90.85.08.64, or email at gmt@gmtinternational.fr or akhelec@akhelec.com in order to report missing or damaged parts.

Unless there are reservations, the goods are deemed to be in conformity in number and condition. The party receiving the goods will be responsible in case of non-signature for the goods without clear cause.

III - INSTALLATION OF THE MATERIALS AND ACCESSORIES

III.1. Installation of BW (without NoVib) :

1. Unload the bund using suitable handling equipment and place it on a flat surface.
2. Place the bund in its final position.
3. Adjust the distance of the beams supporting the bund so that the transformer is centred in relation to the bund.
4. Tighten the beam retaining screws.

Grounding of the equipments:

Earth all the bunds using braids or cables, their sections being defined by the prescription of the customer.



III.2. Installation of the filtration system FILTRELEC® (option):

Cf. User manual FILTRELEC®.

III.3. Installation of the vibration dumper and silentblocks NoVib (option):

Cf. User manual NoVib.

IV - SERVICE AND MAINTENANCE

IV.1. Service and maintenance of BW :

It is necessary to carry out regular maintenance work of the equipment (inspection, control of the good flow of rainwater ...) in order to check that it is not damaged or dirty. A periodicity of 1 visit per year minimum is recommended. AKHELEC performs these maintenance activities. In this case please contact us at the following email address: akhelec@akhelec.com.

IV.2. Service and maintenance of the filtration system FILTRELEC® (option):

Cf. User manual FILTRELEC®.



User manual: BWR range

V - PRECAUTIONS AND RESTIRCTIONS OF USAGE

- Use the BW only with the transformer for which it was sold.
- Do not use the BAFX® for retaining fluids that were not considered at the time of purchase.
- Install the BW on a flat and clear surface.
- The bund handling operations must be carried out with the bund empty from water.
- Do not cover the container during use. Make sure that the surface of the BW is completely free so that the oil can flow smoothly.
- Do not disk, grind, saw... metal parts near the BW without it being protected. Iron dust deposits on the tanks would oxidize, causing rusting.
- When handling the BW, avoid impacts on the bund, which may damage the coating, potentially causing corrosion.
- While waiting for the installation, store the bund in a sheltered storage area (otherwise tarp the equipment).
- Under normal conditions of use and after rain, residual rainwater may be present at the bottom of the bund. After rains, it is recommended to carry out first level maintenance in order to ensure proper drainage of the water.

VI - IN CASE OF ACCIDENT

In case of an accident it is necessary to replace or clean the equipment:

1. Have the bund drained and cleaned by a specialized company.
2. Make sure to remove all traces of oil in the bund.
3. Reassemble all the equipment.

For bunds equipped with the optional FILTRELEC ECODESIGN® filtration system, see the FILTRELEC ECODESIGN® user guide.